GRONOMICS®

Pergola Planter 18″ x 34″

Assembly Instruction

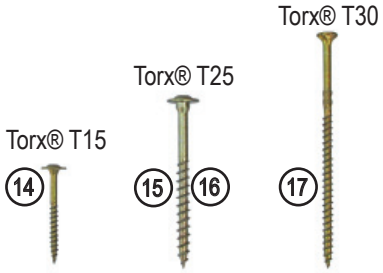
1 Parts Identification Box 1

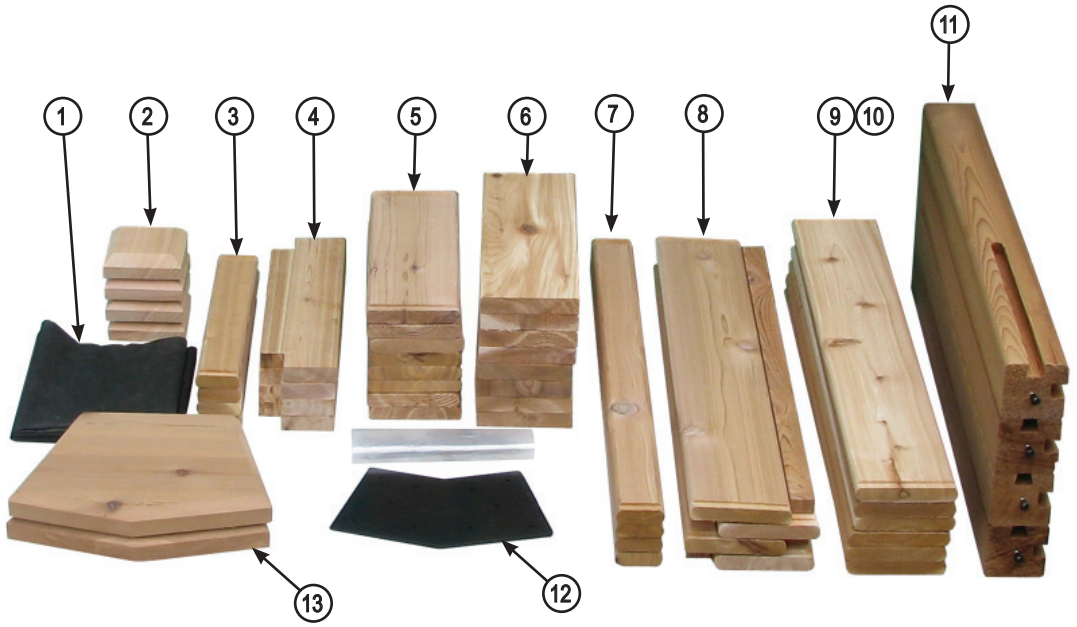
ITEM #: PP2 18-34
ITEM #: PP2 18-34S

Remove contents from Box 1 of 3. Stack matching pieces in piles. Using the parts list, locate and count the individual pieces and verify that you have received the correct number of pieces.

If any pieces are missing or replacement parts are required, contact Gronomics at 1-855-299-6727.

NOTE: It is recommended to place a protective layer between the ground and the pieces during assembly. This will help prevent damage to the pieces.





Box 1 of 3			
ITEM	**QTY.**	**PART #**	**DESCRIPTION**
1	2	FL2236	Fabric Liner, 22” x 36”
2	4	3100	Post Cap, 4” x 4” x 1-1/2”
3	4	1451	Narrow Center Side Rail, 14-1/2” x 2-1/2” x 1”
4	4	1551	Corner Notched Bottom Board, 15-1/2” x 4-1/2” x 1”
5	8	1450	Side Rail, 14-1/2” x 5-1/2” x 1”
6	8	1550	Bottom Board, 15-1/2” x 5-1/2” x 1”
7	4	3103	Narrow Center Side Rail, 31” x 2-1/2” x 1”
8	4	3102	Side Rail w/Cleat, 31” x 5-1/2” x 1”
9	4	3101	Side Rail, 31” x 5-1/2” x 1”
10	2	3101L	Side Rail w/Logo, 31” x 5-1/2” x 1”
11	4	3201	Corner Post, 4” x 4” x 32”
12	2	7022	Support Plate
13	2	7021	Pentagon Cap
14	12	CS8-112ZY	8 x 1-1/2” GRK Screw (Trellis)
15	20	RSS516-234ZY	RSS 5/16 x 2-3/4” GRK Screw (Support Plate)
16	8	RSS516-234ZY	RSS 5/16 x 2-3/4” GRK Screw (Posts)
17	12	R410-4ZY	R4 10 x 4” GRK Screw (Crosspieces into Trusses)

Packaged & Inspected by:		Date:	

Continued

2 Parts Identification Box 2

Remove contents from Box 2 of 3.
Stack matching pieces in piles. Using the parts list, locate and count the individual pieces and verify that you have received the correct number of pieces.

If any pieces are missing or replacement parts are required, contact Gronomics at 1-855-299-6727.

NOTE: It is recommended to place a protective layer between the ground and the pieces during assembly. This will help prevent damage to the pieces.

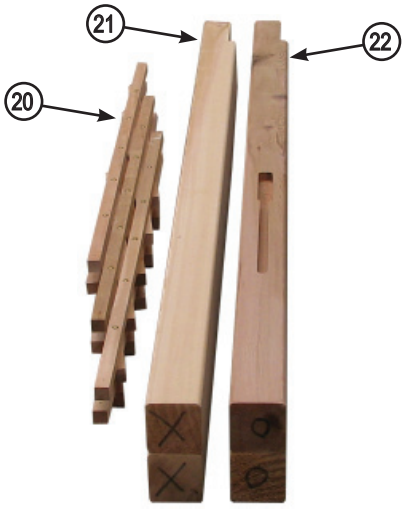
Box 2 of 3			
ITEM	**QTY.**	**PART #**	**DESCRIPTION**
18	4	6100	Truss, 2” x 8” x 64”
19	6	6102	Truss Cross Piece, 2” x 6” x 60”

3 Parts Identification Box 3

Remove contents from Box 3 of 3.
Stack matching pieces in piles. Using the parts list, locate and count the individual pieces and verify that you have received the correct number of pieces.

If any pieces are missing or replacement parts are required, contact Gronomics at 1-855-299-6727.

NOTE: It is recommended to place a protective layer between the ground and the pieces during assembly. This will help prevent damage to the pieces.

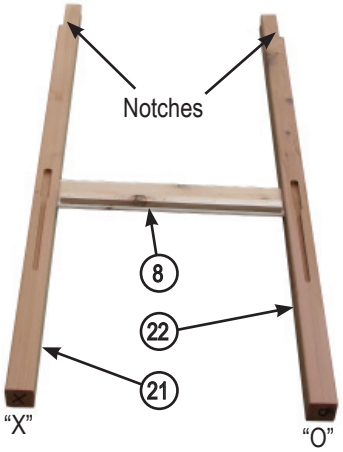


Box 3 of 3			
ITEM	**QTY.**	**PART #**	**DESCRIPTION**
20	2	7023	Trellis, 29” x 52”
21	2	6103-Lt	Post, LH, 4” x 4” x 80”
22	2	6103-Rt	Post, RH, 4” x 4” x 80”

Continued

4 Corner Post Assembly

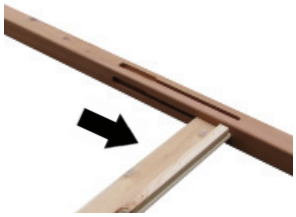
Locate one 4” x 4” x 80” corner post (Item 21) marked with an “X” and one 4” x 4” x 80” corner post (Item 22) marked with an “O”.



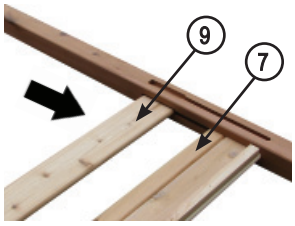
Place the two posts flat on the ground with slots facing up and slots facing the inside. Ensure that the notches face outward.

Locate and install one 31” x 5-1/2” side rail w/cleat (Item 8) (with cleat facing you) into the upper (wide) part of the slot on the two posts.

Slide the side rail down to the bottom of the slot.



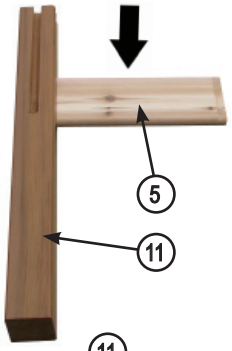
Install one 31” x 2-1/2” narrow center side rail (Item 7) and slide down. Install one 31” x 5-1/2”side rail (Item 9) and slide down.



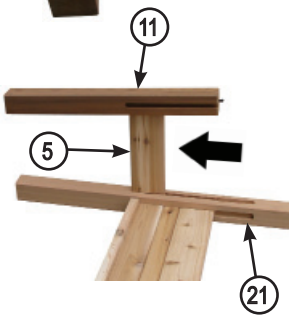
5 Planter Box Assembly

Locate one 4” x 4” x 32” corner post (Item 11) and one 14-1/2” x 5-1/2”side rail (Item 5).

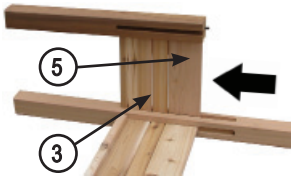
Place the post on the ground (slots towards the top), turn the post until one slot is facing you and a second slot is facing to the right. Slide the side rail into slot and slide to the bottom of the slot.



Rotate the 4” x 4” x 32” corner post (Item 11) and the 14-1/2”x 5-1/2” side rail (Item 5) 90°, install the side rail into the upper (wide) part of the slot on the 4” x 4” x 80” corner post (Item 21) and slide to the bottom of the slot.

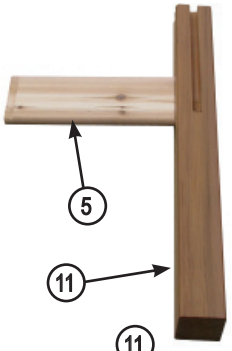


Install one 14-1/2” x 2-1/2” narrow center side rail (Item 3) and slide down. Install one 14-1/2” x 5-1/2” side rail (Item 5) and slide down.

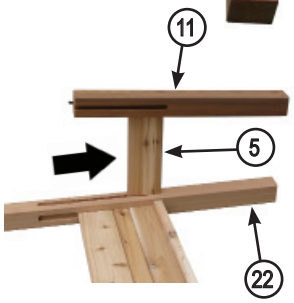


Locate one 4” x 4” x 32” corner post (Item 11) and one 14-1/2”x 5-1/2” side rail (Item 5).

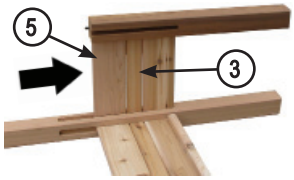
Place the post on the ground (slots towards the top), turn the post until one slot is facing you and a second slot is facing to the left. Slide side rail into slot and slide to the bottom of the slot.



Rotate the 4” x 4” x 32” corner post (Item 11) and the 14-1/2” x 5-1/2” side rail (Item 5) 90°, install the side rail into the upper (wide) part of the slot on the 4” x 4” x 80” corner post (Item 22) and slide down to the bottom of the slot.



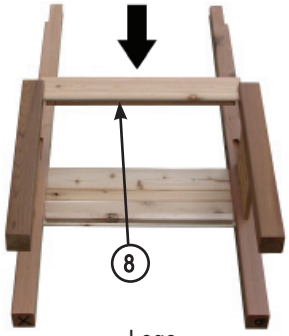
Install one 14-1/2” x 2-1/2” narrow center side rail (Item 3) and slide down. Install one 14-1/2” x 5-1/2” side rail (Item 5) and slide down.



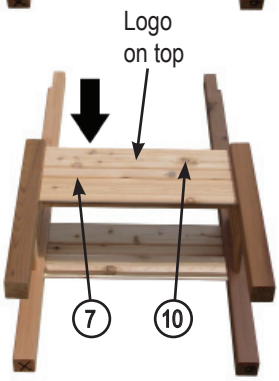
Continued

6 Side Rail Assembly

Locate and install one 31” x 5-1/2” side rail w/cleat (Item 8) (cleat facing down) into the upper (wide) part of the slot on the two posts and slide down to the bottom of the slot.



Install one 31” x 2-1/2” narrow center side rail (Item 7) and slide down and one 31” x 5-1/2” side rail w/Logo (Item 10) and slide down.

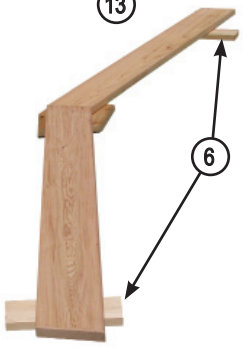


Repeat step 4 - 6 for the second planter box.

7 Truss Assembly

Locate two 2” x 8” x 64” trusses (Item 18), one pentagon cap (Item 13) and one support plate (Item 12). Place the pentagon cap on the ground (face down). Place the two trusses on the pentagon cap.

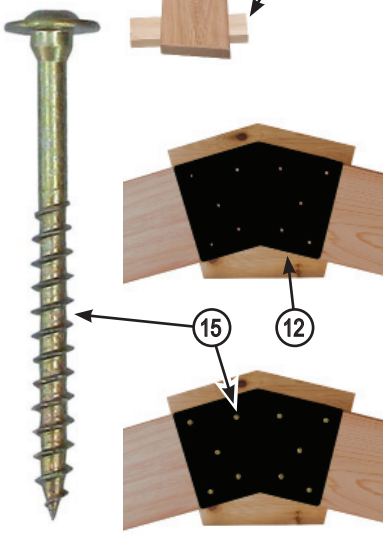
Adjust the trusses until centered left / right and up / down on the pentagon cap. Place one bottom board (Item 6) under each truss. This will help level the trusses.



Place a support plate (Item 12) onto the top of the two trusses. Align the support plate with the top and bottom of each truss. Verify that the two trusses are still contacting each other under the support plate.

Install ten 5/16 x 2-3/4” screws (Item 15).

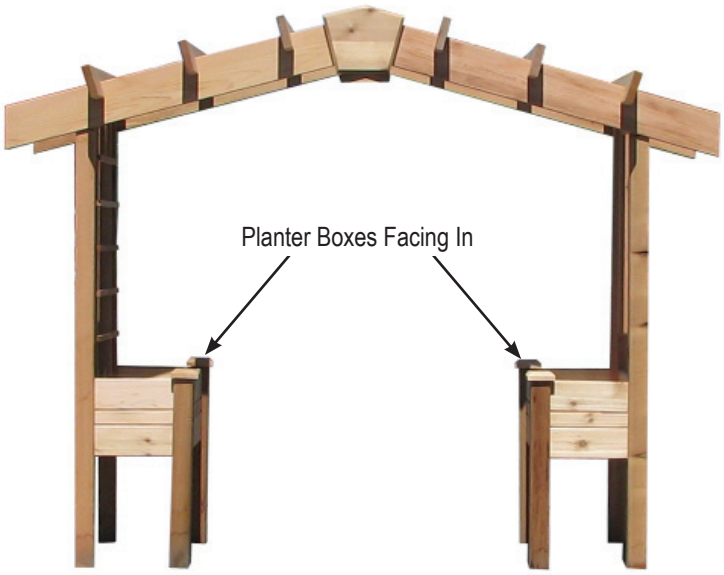
Repeat procedure for second truss assembly.



Continued

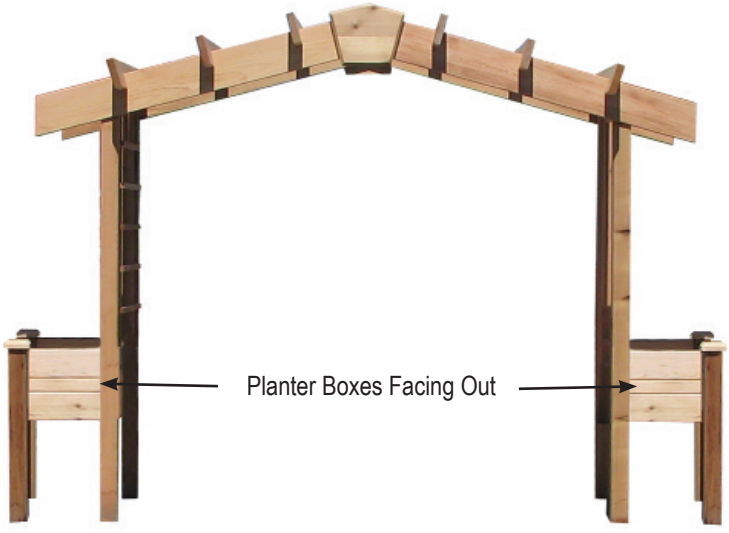
8 Planter Box Assembly Option

Assembled Pergola Planter with planter boxes facing in.



NOTE: The pergola planter boxes can be assembled with the planter boxes facing in. If assembling the planter boxes facing in, see steps 9 & 10.

Assembled Pergola Planter with planter boxes facing out.



NOTE: The pergola planter boxes can be assembled with the planter boxes facing out. If assembling the planter boxes facing out, see steps 11 & 12.

9 Planter Box Installation (Facing In)

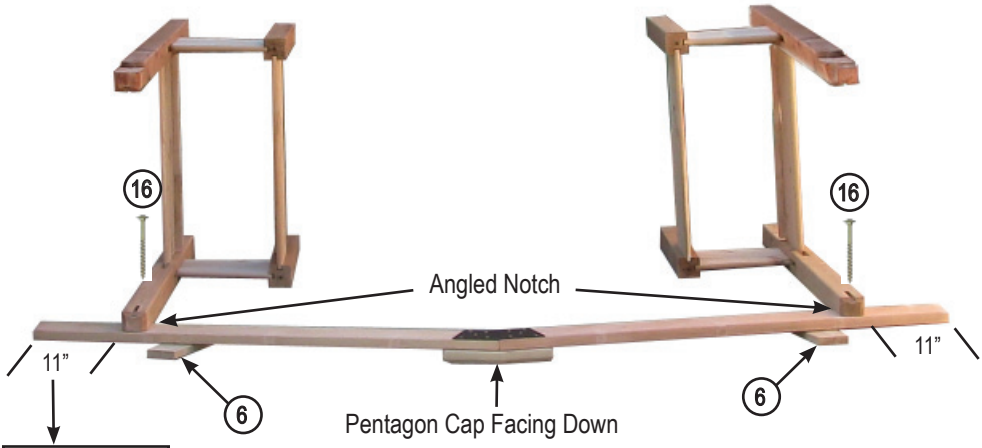
Place one truss assembly on the ground (pentagon cap facing down).

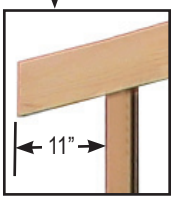
Place one of the bottom boards (Item 6) under each truss. This will help level the trusses. Place the planter box assemblies onto the truss assembly (as shown).

Verify that the truss assembly is contacting the angled notch on both 80” posts.

The outside of the 4” x 4” x 80” post should be approximately 11” from the end of the truss assembly.

Install two 5/16 x 2-3/4” (Item 16) screws through the pre-drilled holes in the 80” posts and into the truss assembly.





Continued

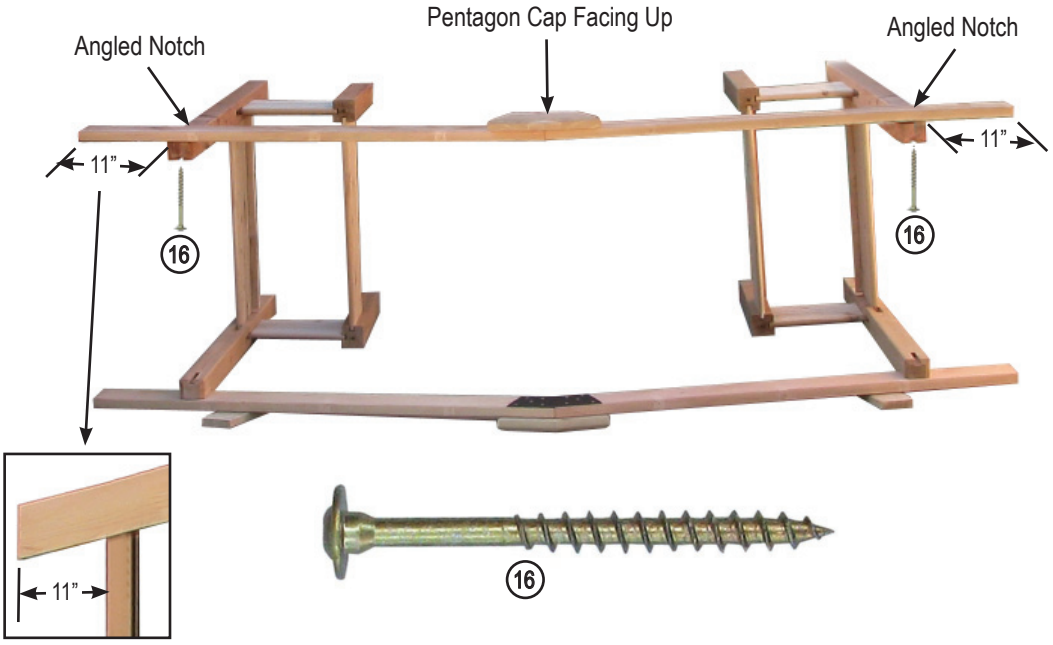
10 Planter Box Installation (Facing In) Continued

Place the second truss assembly on the top of the planter box assemblies (pentagon cap facing up).

Position the outside of the corner posts approximately 11" from the end of the truss assembly.

Verify that the truss assembly is contacting the angled notch on both 80" posts.

Install two 5/16 x 2-3/4" (Item 16) screws through the slot in the 80" post and into the truss assembly.



11 Planter Box Installation (Facing Out)

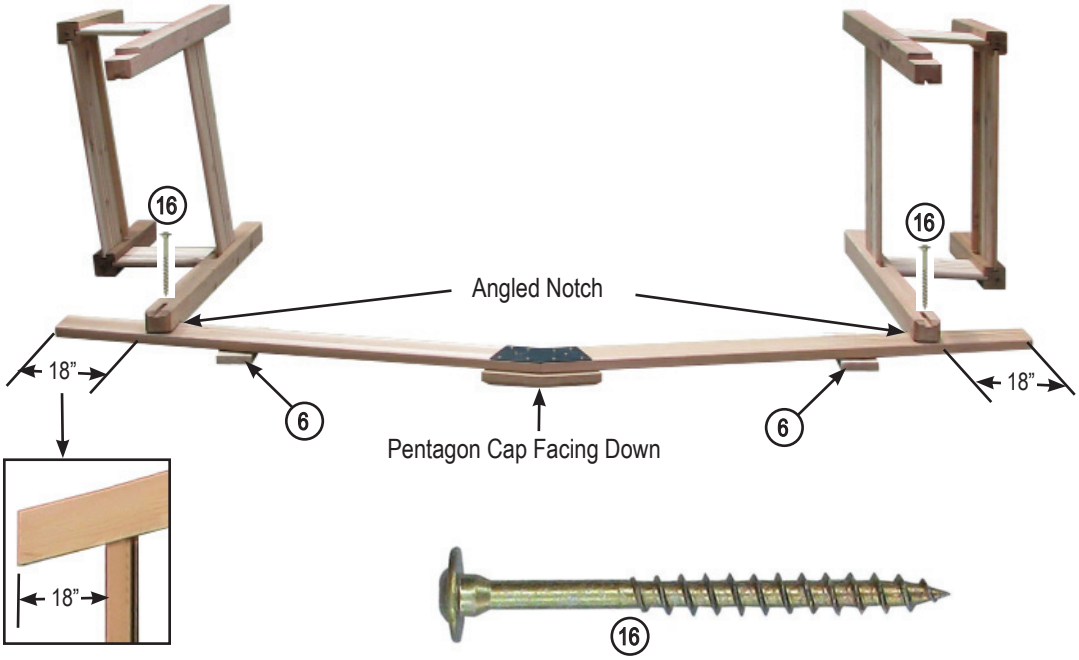
Place one truss assembly on the ground (pentagon cap facing down).

Place one of the bottom boards (Item 6) under each truss. This will help level the trusses. Place the planter box assemblies onto the truss assembly (as shown).

Verify that the truss assembly is contacting the angled notch on both 80" posts.

The outside of the 4" x 4" x 80" post should be approximately 18" from the end of the truss assembly.

Install two 5/16 x 2-3/4" (Item 16) screws through the pre-drilled holes in the 80" posts and into the truss assembly.



Continued

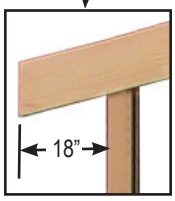
12 Planter Box Installation (Facing Out) Continued

Place the second truss assembly on the top of the planter box assemblies (pentagon cap facing up).

Position the outside of the 80” corner posts approximately 18” from the end of the truss assembly.

Verify that the truss assembly is contacting the angled notch on both 80” posts.

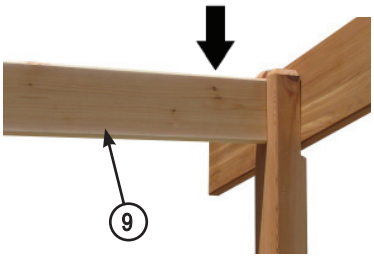
Install two 5/16 x 2-3/4” (Item 16) screws through the slot in the 80” post and into the truss assembly.



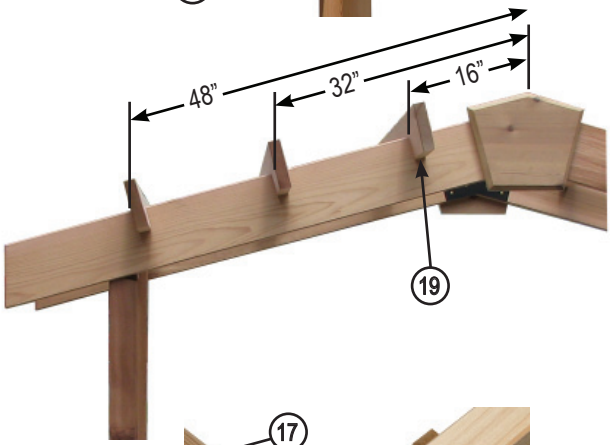
13 Securing Truss Assembly

Stand pergola up. Locate one 31” x 5-1/2” side rail (Item 9). Install the side rail into the slot on the two 80” posts, securely fastening the two posts together.

Repeat on opposite side.



Locate the six 2” x 6” x 60” truss cross pieces (Item 19). Place one truss cross piece (notch down) onto the truss assemblies 16” from the middle of the truss assembly. Slide down until it contacts the 80” posts. Install the next truss cross piece 32” from the middle of the truss assemblies. Install the next truss cross piece 48” from the end of the truss assemblies.



Fasten each truss cross piece in place with one 10 x 4” deck screw (Item 17) (both sides). When installing the deck screws, tighten the screw unit it makes contact with the truss cross piece.

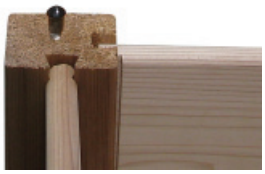
NOTE: If the screw is installed too deep, it may allow moisture to penetrate the wood and may cause damage to the structure.

Repeat procedure for opposite side of truss assemblies.

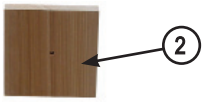
Continued

14 Cap Assembly

Remove the rubber cap from the corner posts studs of the planter boxes.



Align the hole of the 4” x 4” post cap (Item 2) with stud and tighten until the cap makes contact with the post.



15 Planter Box Final Assembly

Locate two 15-1/2” x 4-1/2” corner notched bottom boards (Item 4). Place the two boards on each end of the planter box.

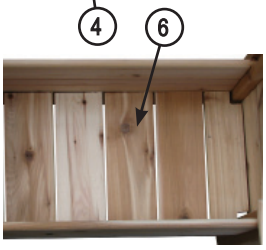
Repeat for second planter box.

Locate four 15-1/2” x 5-1/2” bottom boards (Item 6). Install into the bottom of planter box.

Repeat for second planter box.

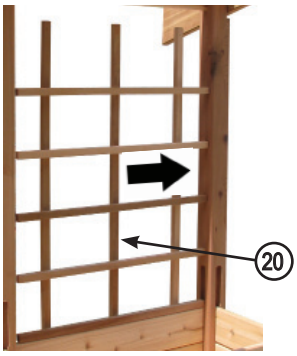
Locate the two pieces of fabric liner (Item 1). Place one piece in the bottom of each planter box.

Soil Capacity: 6 Cubic Feet



16 Trellis Assembly

Locate the 29” x 52” trellis assemblies (Item 20). Extend one trellis assembly. Place the trellis assembly onto the top of the planter box and slide over until all the boards contact the 80” post. This will help square up the trellis before installing.



Align the the top of the trellis on the center of the top side rail, center the trellis left and right and fasten with six 8 x 1-1/2” screws (Item 14) on top & bottom of trellis.

Repeat this procedure on other side.

Align top of trellis on center of side rail